

***Allowable Subject Matter***

Claims 1-51 are allowed.

The following is an examiner's statement of reasons for allowance:

In the context of the claims, there is no teaching in the prior art for a signal processing system having a low resolution mode and a high resolution mode for determining position, the modes having separate configurations of numbers of correlators, FFT subsystems and memory allocation therefore.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Response to Arguments***

Applicant's amendments and arguments, filed 17 August 2011, with respect to the rejections under 35 USC 112, 102(b) and 103(a) have been fully considered and are persuasive. The rejections have been withdrawn.

The terminal disclaimer filed on 17 August 2011 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent No. 7639180 has been reviewed and is accepted. The terminal disclaimer has been recorded. In light of entry of the terminal disclaimer, the double patenting rejection is withdrawn.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FRANK MCGUE whose telephone number is (571)270-5987. The examiner can normally be reached on 8:30am to 5:00pm Eastern, Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Tarca can be reached on (571)272-6032. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/F. M./  
Examiner, Art Unit 3662

/Thomas H. Tarca/  
Supervisory Patent Examiner, Art Unit 3662